RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/656, 270
Source:	1500
Date Processed by STIC:	10/28/2005
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RAW SEQUENCE LISTING DATE: 10/28/2005
PATENT APPLICATION: US/10/656,270 TIME: 10:21:08

Input Set : N:\Crf3\RULE60\10656270.raw.txt
Output Set: N:\CRF4\10272005\J656270.raw

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1 <110> APPLICANT: Cech, Thomas R.
         Zaug, Arthur J.
         Been, Michael D.
 4 <120> TITLE OF INVENTION: RNA RIBOZYME POLYMERASES, DEPHOSPHORYLASES, RESTRICTION
         ENDORIBONUCLEASES AND METHODS
 6 <130> FILE REFERENCE: MBHB00-983-G
 7 <140> CURRENT APPLICATION NUMBER: US/10/656,270
 8 <141> CURRENT FILING DATE: 2003-09-05
 9 <150> PRIOR APPLICATION NUMBER: US/09/686,341
10 <151> PRIOR FILING DATE: 2000-10-10
11 <150> PRIOR APPLICATION NUMBER: 09/005,325
12 <151> PRIOR FILING DATE: 1998-01-09
13 <150> PRIOR APPLICATION NUMBER: 08/671,824
14 <151> PRIOR FILING DATE: 1996-06-05
15 <150> PRIOR APPLICATION NUMBER: 08/278,624
16 <151> PRIOR FILING DATE: 1994-07-21
17 <150> PRIOR APPLICATION NUMBER: 07/843,737
18 <151> PRIOR FILING DATE: 1992-02-28
19 <150> PRIOR APPLICATION NUMBER: 07/562,672
20 <151> PRIOR FILING DATE: 1990-08-03
21 <150> PRIOR APPLICATION NUMBER: 06/937,327
22 <151> PRIOR FILING DATE: 1986-12-03
23 <160> NUMBER OF SEQ ID NOS: 16
24 <170> SOFTWARE: PatentIn Ver. 2.0
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43 <220> FEATURE:
44 <221> NAME/KEY: misc feature
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153
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for

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Input Set : N:\Crf3\RULE60\10656270.raw.txt
Output Set: N:\CRF4\10272005\J656270.raw

154 caacagccgt tcagtaccaa gtctcagggg aaactttgag atggccttgc aaagggtatg 180 155 qtaataaqct qacqqacatq qtcctaacca cqcaqccaaq tcctaaqtca acaqatcttc 240 tgttgatatg gatgcagttc acagactaaa tgtcggtcgg ggaagatgta ttcttctcat 300 156 157 aagatatagt cggacctctc cttaatggga gctagcggat gaagtgatgc aacactggag 360 158 gctgggaact aatttgtatg cgaaagtata ttgattagtt ttggagtact cgcc 160 <210> SEQ ID NO: 13 161 <211> LENGTH: 18 162 <212> TYPE: DNA 163 <213> ORGANISM: Artificial Sequence 164 <220> FEATURE: 165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized nucleic acid molecule. 167 <400> SEQUENCE: 13 168 taatacgact cactatag 18 170 <210> SEQ ID NO: 14 171 <211> LENGTH: 29 172 <212> TYPE: DNA 173 <213> ORGANISM: Artificial Sequence 174 <220> FEATURE: 175 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized 176 nucleic acid molecule. 177 <400> SEQUENCE: 14 attatgctga gtgatatccg gagattttt 29 180 <210> SEQ ID NO: 15 181 <211> LENGTH: 12 182 <212> TYPE: RNA 183 <213> ORGANISM: Artificial Sequence 184 <220> FEATURE: 185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized 186 nucleic acid molecule. 187 <400> SEQUENCE: 15 188 ggccucuaaa aa 12 190 <210> SEQ ID NO: 16 191 <211> LENGTH: 75 192 <212> TYPE: RNA 193 <213> ORGANISM: Artificial Sequence 194 <220> FEATURE: 195 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized nucleic acid molecule. 197 <400> SEQUENCE: 16 augaccauga uuacgaauuc gagcucgggu aacuaugacu cucuuaaggu agccaaaugc 60 198 199 cucqucacaa gcuug

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/28/2005 PATENT APPLICATION: US/10/656,270 TIME: 10:21:09

Input Set : N:\Crf3\RULE60\10656270.raw.txt
Output Set: N:\CRF4\10272005\J656270.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 11

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 4
Seq#:12; Line(s) 149

VERIFICATION SUMMARY

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PATENT APPLICATION: US/10/656,270

DATE: 10/28/2005 TIME: 10:21:09

Input Set : N:\Crf3\RULE60\10656270.raw.txt
Output Set: N:\CRF4\10272005\J656270.raw

L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0